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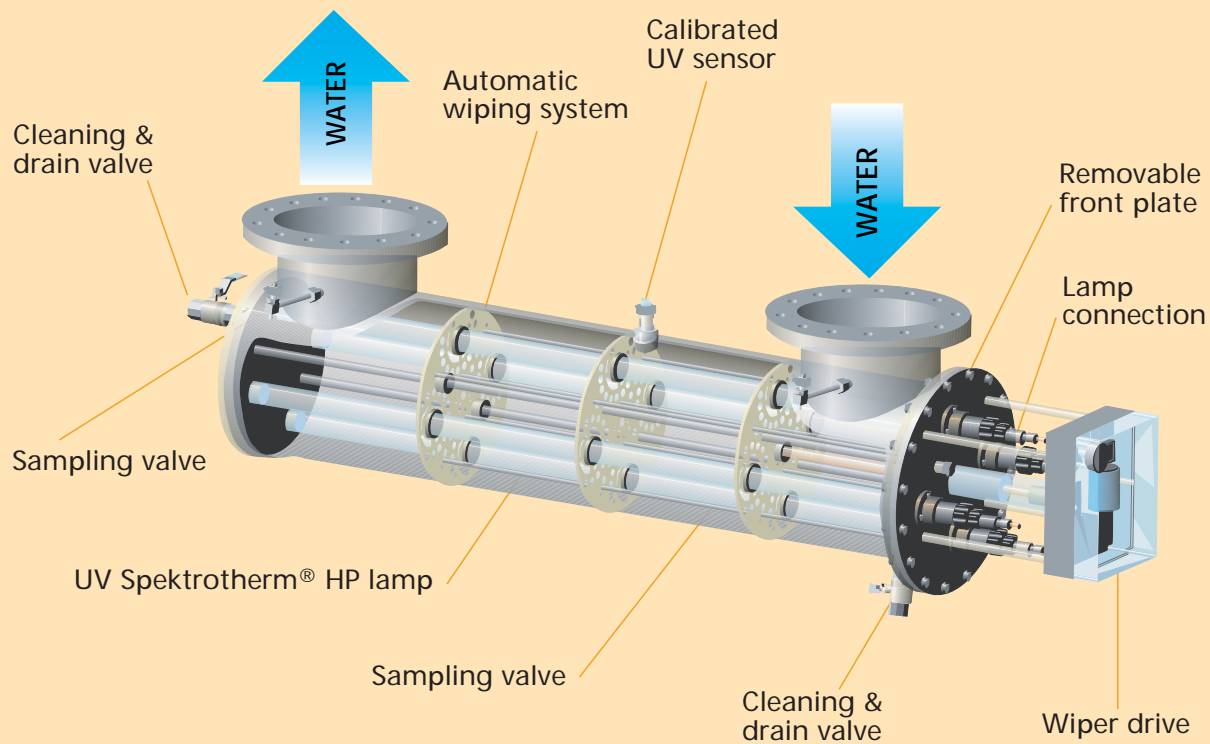
WATER & WASTEWATER

WEDECO LBX Series Closed Vessel UV Reactors

For wastewater and reuse applications



Engineered for life



DESIGN: The reactors of the UV disinfection series LBX are equipped with low pressure / high intensity UV lamps, which are arranged parallel to the water flow inside the reaction chamber. The most powerful Spektrotherm® HP lamps are applied. A special baffle plate design creates turbulence which allows the system to achieve high disinfection levels. These UV systems can either be mounted horizontally or vertically into existing pipe lines and are equipped with a separate electrical cabinet.

ADVANTAGES

- Excellent and reliable disinfection capacity with low energy consumption
- High UV-C output of the lamps allows for a small number of lamps relative to the overall flow capacity
- Spektrotherm® low pressure / high intensity UV lamps have excellent temperature stability
- Long lamp life expectancy
- UV monitoring and control by a highly selective, calibrated UV sensor
- Optional automatic dose control system (Vario)
- Optional automatic quartz sleeve wiping system available
- Simple operation and easy maintenance



Electronic ballasts ensure that the Spektrotherm® HP UV lamps operate cost-effectively



UCA sensor



The new spectrum emission controller (SEC) handles all control and monitoring functions

All specifications are subject to change without notice.

(Hg) UV lamps contain mercury · Do not put in trash · Recycle or dispose as hazardous waste
www.lamprecycle.org · 1-866-457-6697 · **WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

To find ITT Water & Wastewater products near you please visit: www.us.ittwww.com



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